

# Chesterfield CIGARETTES

of IMPORTED and DOMESTIC  
tobaccos—Blended



There's more to this  
cigarette than taste

You bet! Because Chesterfields,  
besides pleasing the taste, have  
stepped in with a brand-new kind  
of enjoyment for smokers—

Chesterfields hit the smoke-spot,  
they let you know you are smok-  
ing—they "Satisfy"!

And yet, they're MILD!

The blend is what does it—the  
new blend of pure, natural im-  
ported and Domestic tobaccos.  
And the blend can't be copied.

Next time, if you want that new  
"Satisfy" feeling, say Chesterfields.

Leggett & Myers Tobacco Co.



Wrapped in  
glassine paper  
—keeps them  
fresh.

20 for  
10¢

They "Satisfy"—  
and yet they're Mild!

## STOP LARGE MANURE WASTE

Farmers Urged to Put End  
to Annual Loss of Fer-  
tilizing Materials.

Washington, D. C., Aug. 16.—Farmers are urged in a statement issued today by Assistant Secretary Carl Vrooman to make every effort to save the vast amount of valuable manure now allowed to go to waste in this country. Assistant Secretary Vrooman estimates that one-half the manure produced in the United States is not used as a fertilizer, there being an annual loss of material worth twelve hundred million dollars—once and a half the value of the country's 1916 wheat crop.

"This is not a wild guess," he continues, "but a very shrewd and conservative estimate based on reliable statistics. It has been found that each horse or mule produces annually \$27 worth of manure (as compared with commercial fertilizers); each head of cattle \$20 worth; each hog \$8 worth. Calculating from the 1910 census figures for number of animals on farms—22,000,000 cattle, 24,000,000 horses and mules, 58,000,000 swine, and 54,500,000 sheep and goats—the total value of manure produced is found to be about \$2,461,000,000. Recent investigations by the Department of Agriculture indicate that at least half of this great wealth of fertilizing material is sheer waste. In some good general farming sections not more than 15 per cent of the manure produced is used. Even in the most intensive dairy regions, where cows are largely stall fed and comparatively great care taken with the manure, the loss seems to be approximately 25 per cent.

A Herculean Task.

"Here, then, is a job for the American farmer, worthy of his utmost effort and in keeping with the spirit of this great hour in American history. To save a billion dollars worth

of manure is a Herculean task—a latter day Augean stable job—for it means the handling of literally millions of tons of dung and litter. It means the construction of concrete manure pits, of paved feeding pens or sheds, and greatly increased care in the conservation and use of bedding materials. It means a lot of work, but it is work that can be done at odd hours and moments, and work that will pay tremendous dividends, not only as a war measure, but conceivably for all time, for if we once get the habit of making full use of our available manure supply we are not likely to lapse into the old, wasteful ways again.

### The Best Way.

"The cheapest and best way to handle manure, where convenient, is to haul it to the field and spread it daily, or at least every two or three days. In this way, if plenty of bedding be used, practically all the valuable constituents of the manure are saved, since leaching after the manure is on arable land merely serves to put the fertilizing materials where they ought to be. In this way, too, loss through heating, or 'fire-fanging,' is avoided.

"Many farmers, however, are not so situated as to make it profitable for them to handle manure in this way. For such farmers the concrete manure pit offers an ideal way of saving manure. Such a pit need not entail great expense. A pit 3 feet deep, 12 feet long and 6 feet wide, with walls and floors 5 inches thick, will serve the needs of the average farm. In ground that does not cave in, only an inside form will be needed for such a pit, except where the concrete extends a few inches above the ground to prevent flooding by surface water. The floor should be reinforced with woven wire fencing, put in after about two inches of cement has been laid, the section of fencing being cut long enough to bend up a few inches at either end into the side walls. When the reinforcing has been put in, the remaining three inches of the floor is laid, and the forms for the side walls set up and used immediately. Use one part cement, two of sand, and four of screened gravel. A pit of this kind is large enough to hold the accumulation of manure on the average farm until such a time as it can be hauled conveniently to the field and spread.

### World's Champion Wasters.

"This great war has brought home to us Americans, as it has never been emphasized before, the fact that we are the world's champion wasters. Without making any comparisons, and subject to correction if it can be shown that the facts are otherwise, I dare aver that our billion dollar manure waste is the world's greatest single economic leak—the prize waste of the champion wasters. With commercial fertilizers scarce, and some of them almost unobtainable, it would seem well worth our while, in this juncture, even without any reference to war conditions, to do everything within our power to stem this tide of loss, especially in consideration of the fact that stable manure is the best form of fertilizer known. And when we consider further the possible effect of a billion dollars worth of manure upon world production at this time when the solemn duty of saving the world from famine devolves directly upon us—well, the vital need for manure pits and feeding lots in this broad land of ours becomes pretty clearly apparent."

### \$16,500 for Montpelier-Burlington Highway.

Federal aid is to be expended this year on the main highway between Montpelier and Burlington the two points selected for improvements being a portion of the highway in Moretown running from the tale mine nearly to the Waterbury bridge, and the other is a portion of the highway on French hill in Williston. The estimated cost of the work contemplated in Moretown is \$6,500 and of the work on French hill \$10,000. Telford roads will be built in each place, there being clay subsoil which in the spring makes a bad section of highway. Under the federal highway act \$21,000 is apportioned to Vermont this year by the national government to which the State will add a like sum. Next year twice this amount will be available, the third year three times and so on. Engineer George Reed of the State engineer's office has been making the surveys of the Moretown and State Engineer McIntosh of the work on French Hill.

Children Cry.  
FOR FLETCHER'S  
CASTORIA

## THE STATE'S WORK

### Summary of Reports of State Departments For Month of July Made To Board of Control Under New Law

The law passed by the legislature of 1917 which created the board of control provided that the various state departments shall make monthly reports to the board showing work done and expenses incurred. It also provided that these reports should be delivered to the legislative reference librarian who should make a condensed statement thereof for the newspapers of the state. Pursuant to these provisions this statement is issued.

During the month of July orders were drawn by the auditor of accounts to the amount of \$302,981.25. With the bank commissioner the auditor made the annual examination of the state treasurer's books, and the annual statement of finance as shown thereby has just been printed by the treasurer. On July 31, 1917 cash on hand in the treasury amounted to \$560,920.91.

Under the direction of the state treasurer as commissioner of weights and measures there were made by the inspectors of the department 3234 inspections of weights and measures in 48 different towns.

#### Secretary of State.

The secretary of state issued during the month of July, 22 licenses for the sale of oleomargarine and 21 new corporations were authorized to do business in the state during the month. The department sent out 5365 packages of publicity matter and there were issued two new books, "The Lure of Vermont's Silent Places" and "The Lake of Vermont," copies of which may be obtained by addressing the secretary of state. In the automobile department of the office there were 1136 cars registered and 2302 operators' and 552 chauffeurs' licenses granted, and 14 licenses were suspended. The fees received for registrations and licenses totalled, \$28,545.05.

#### Board of Health.

An epidemic of infantile paralysis has largely held the attention of the health department during the month. There was issued on July 17th an order forbidding the holding of all fairs, chautauques, circuses, etc., which has been the cause of considerable correspondence with and inquiries made of the board. A temporary injunction issued by a federal court against the board of health restraining them from enforcing this order was vacated after hearing at St. Johnsbury on July 30th. In connection with the epidemic in Washington County there was held a meeting attended by thirty-six health officers, July 5th. There were 26 cases of infantile paralysis during the month. Under the direction of the state board of health nurses employed in the after-care of infantile paralysis have made 164 visits since May 23rd.

During the month there have been reported 739 cases of communicable diseases, the most numerous being measles, 327 cases; whooping cough, 103 cases; German measles, 69 cases; scarlet fever, 59 cases; and a lesser number of cases of small-pox, chicken-pox, mumps, typhoid fever, diphtheria, pneumonia, pellagra, erysipelas, syphilis, gonorrhea, tuberculosis.

Moving picture exhibits and lectures in connection with the educational work of tuberculosis have been held in 12 places during the month. Visits by the sanitary inspector have been made to 9 towns.

The laboratory of hygiene made 1039 examinations during the month of which 679 were to determine the existence of disease, the rest being examinations of water, milk, food, drugs and other miscellaneous examinations.

#### Attorney General.

Aside from the regular routine work of his department the attorney general has spent considerable time in the investigation of the Bradshaw murder case at St. Johnsbury and in the preparation for and the holding of hearings relating to the order of the state board of health relating to the holding chautauques.

#### Commissioner of Agriculture.

During the month of July the marketing agent of the department has visited 15 creameries with an expert accountant of the federal bureau of marketing, interesting creamery men in the installation of a system of accounts devised by the federal bureau. Thirteen creameries will adopt this system. The marketing agent has also made investigations relating to the methods of disposing of wool by a pooling method and of methods for the sale of dairy products. The dairy manufacturing expert of the department has visited nineteen creameries, giving instruction in methods of manufacturing of dairy products. The work of the creamery inspectors has been re-organized, the state being divided into four districts, with an inspector assigned to each district. Regulations covering sanitary requirements for creameries and farms have been drawn up and 46 plants and 254 farms inspected during the month.

A co-operative agreement with the federal department of agriculture has been entered into by which an expert veterinarian to do testing work for bovine tuberculosis will be furnished free of charge by the federal department provided that in addition to this the state furnishes one veterinarian; both veterinarians will be under the supervision of the federal government so far as the method of testing is concerned and under the Vermont de-

partment so far as they are agents in carrying out the state laws.

As chief forester the commissioner of agriculture has appointed Wilmet G. Hastings, a graduate of Clark University and of the University of Michigan, School of Forestry. Mr. Hastings has had practical experience in lumbering and saw mill work with the Laurentide Paper and Pulp Company and since 1910 has been with the United States forest service, at the time of his appointment holding the position of supervisor of the Deschutes National Forest. Since April first there have been shipped from the Burlington nursery 74,650 trees and from the Sharon nursery, 269,000 trees. A plan has been outlined for combating the white pine blister rust under the terms of the act of 1917. This plan is based upon the recommendations made at a conference held in Amherst, Massachusetts, of officials of New England States and New York engaged in the work of insect suppression.

#### Department of Education.

The preparation and issuing of teachers' certificates and the compilation of the annual educational statistics from the reports sent in by the various town clerks has largely occupied the attention of the office force. Work has been done in the preparation of bulletins on the teaching of spelling and English. The commissioner has held conferences with about forty local boards of school directors, though a number of other educational meetings were postponed on account of infantile paralysis. The work of taking an inventory of the property of the state at the agricultural schools at Lyndonville and Randolph Center, which schools, under the act of 1917, were placed under the direction of the board of education, has progressed satisfactorily. Plans are well under way for the construction of a new dormitory at Randolph Center.

#### State Institutions.

Three hundred acres are now under cultivation at the various state institutions, this being more than ever before, and the condition of the crops at all institutions is excellent. There is being constructed at the school for feeble-minded at Brandon a sewer system, the labor being performed by inmates from the house of correction. Plans are under way for the construction of a large dining hall and dormitories at the industrial school at Vergennes. During July there were 8 commitments to Vergennes and 35 discharges, 30 of these being paroles. There were 24 patients admitted to the state hospital at Waterbury during the month making a total of 733 patients in the institution on July 31st.

#### Commissioner of Taxes.

In addition to the routine work of issuance of licenses, registration of partnerships and collection of taxes, the tax department has during the month issued a bulletin showing all partnerships registered under the provisions of law. This volume contains the names of all partnerships registered and the members thereof and copies may be obtained by addressing the commissioner of taxes at Northfield. There has also been prepared and forwarded to all interested persons a bulletin showing the names of wholesale liquor dealers licensed to do business, their agents, local licensees throughout the state, license commissionaires appointed by the governor, and a list of liquors that have been analyzed by the state laboratory, the sale of which has been authorized by fourth class licenses. There has also been prepared and distributed a corporation bulletin. The abstract of the grand list of the state is now being prepared by the department.

#### Commissioner of Industries.

There were reported to the commissioner of industries during the month 576 accidents of which 3 were fatal. Compensation has been allowed to employees for injuries in 82 cases and final settlement of compensation between employer and employee have been approved in 71 cases. The commissioner has held during the month 39 hearings on various matters. The department has nearly completed a state-wide survey of the industries of the state which will show the number of all employees, the number of males, of females, and of minors. Certificates for use in the administration of the child labor law are being prepared in cooperation with the United States department of labor.

Board of Charities and Probation.

The work of the board of charities and probation has been in process of organization during the month, a beginning having been made in the child welfare work authorized by the act of 1917. Poorhouses have been inspected in six towns and recommendations relating to the care of inmates therein made.

#### Insurance Commissioner.

The insurance department has completed and issued during the month the annual report for the year, 1916. There is also being prepared a directory of insurance companies and agents in the state. The commissioner has adjusted with the insurance companies losses on four small fires which occurred at the institutions at Brandon, Vergennes, and Lyndonville for \$2756.29. Numerous licenses have been issued to insurance brokers and agents during the month.

A REMARKABLE

## Special Sale on Electrical Appliances

ELECTRIC IRONS  
Hot Point, General  
Electric and Thermax  
Electric Irons

will be sold for

**\$3.85**

85c Down and \$1.00 a month  
until balance is paid.

Drastic Reductions

also on

Washing Machines,  
Vacuum Cleaners  
and  
Electric Toasters

This sale means too much to your  
pocket book for you to pass un-  
noticed.

Call in person or 'phone

This Sale Will Continue Until Sept. 1

Twin State Gas &  
Electric Company

Eastern Ave. St. Johnsbury  
PHONE 110-J

### EAST BURKE.

(Mrs. B. F. Humphrey, Cor.)

Edmund McNally is taking a two weeks' vacation visiting his sister and brother-in-law, Mr. and Mrs. Leon Hyde, in Somerville, Mass.—Mr. and Mrs. A. D. Gilson go Thursday to Rhode Island to visit her parents, Mr. and Mrs. Hart. Clyde Gilson will accompany them for a few days. Mr. and Mrs. Gilson will be away several weeks.—Mrs. Fred Lund visited her brother and sister-in-law, Mr. and Mrs. Archibald Simpson at Lyndon Center Tuesday.—Dean Simpson returned home last week to Lyndon Center.—Fred Lund lost one of his work horses last week.—William Cole has finished work for Allen Hunter at Lyndonville and has returned to the home of his sister, Mrs. Asa Hunter.—Mrs. Frank Fairbanks and children are visiting her sister and husband, Mr. and Mrs. R. H. Godding.—Master Linwood Quimby from Kirby is visiting his aunt and uncle, Mr. and Mrs. Wesley Dee.—Mrs. Nellie Caswell is in a critical condition from a nervous breakdown. Dr. F. E. Farmer of St. Johnsbury was called in counsel with Dr. Cheney Monday morning.—Mr. and Mrs. James Ramsdell and son, Malcolm, have returned to their home in Merrimacport, Mass., after visiting G. J. Gillilan and Carl Fraser.

### LYNDONVILLE.

#### Universalist Church Notes.

Interest in the series of sermons on Universalism is increasing every day. Last Sunday a good-sized congregation heard the sermon on "The Reasonableness of the Universalist Idea of Jesus." Mr. Niles told of the old religious idea of Christ which consists in worshipping and adoring Him. Jesus was considered as a sort of lifeboat by means of which people could escape from this supposed wreck of a world. Because of this view of the Christ, Christianity has been considered as something to die by rather than something to live by. It has concentrated the attention and energy of Christendom on Christ's supposed mysterious nature rather than on His helpful and wonderful life and message and spirit; it has made Christianity consist in adoring Christ rather than in the far more important following Him, believing in His teachings and trying to carry them out. As a result of this after nearly 2,000 years, we find ourselves in a world war. People are saying, "Christianity has failed." It has not failed, it has not been tried. Jesus to the Universalist is the noblest and best man the world has ever seen. In Him that spark of divinity which God breathes into every human being reached its highest development. He has shown us what we may do and become. He has pointed out to the world the only true way to live. When men catch a vision of the real Christ and follow Him, their hearts open and the great currents of benevolence, philanthropy and moral reform, flow throughout

the world. When we are tired of our 57 and more varieties of creeds concerning Jesus' life and words we shall come back and sit at His feet. Jesus is a Saviour to us, not that He died to atone for some mystical sin in the Garden of Eden, but a Saviour in that death was the willing price He paid to teach man how to work out his own salvation by growth, culture and development. Because He knew our needs, lived our life and was subject are, and overcame them, He became our example, leader and inspirer. The third sermon in the series will be preached next Sunday when Mr. Niles will speak upon the subject, "The same human conditions as the Reasonableness of the Universalist Idea of Sin and Punishment." This is a big subject with progressive ideas. Miss Marion Redfield of Barton will assist in the music.

### EAST CABOT.

(Mrs. Geo. D. Morse, Correspondent.)

Mr. and Mrs. Charlie Paige and Mr. and Mrs. Rouch of Montpelier were callers at Mrs. D. Read's Tuesday.—Mr. and Mrs. Ira Read, Mr. and Mrs. Arthur Read were at Hastings' cottage at Jones Pond over Sunday, guests of C. Paige.—Quite a number from here attended the play, "Aunt Jerusha's Quitting Party," at Cabot hall Aug. 15.—Miss Isabel Davenport is visiting in Canada. She took the trip with Caldwell Davenport in the side car of his motorcycle.—Mrs. Hazlett is visiting at Payson Walbridge's in Cabot.—Miss Susie McCuen is visiting at Gilbert Hill's.—Miss Marion Morse and friend, Miss Vera Hatch, were at her home Thursday evening.—Wendall Goodrich was at W. I. Abbott's over Sunday.—Miss Marion Morse is home from her work in Danville for a vacation until school begins.—Miss Alva Walbridge has gone to her home in Woodsville.—Bert Houghton has been helping his grandfather haying.—Mr. and Mrs. Batty O'Brien and three children of Boston and Thomas O'Brien and family were visitors at Carl Dugan's Friday.—Mr. and Mrs. Percy Young of Hardwick were visiting Harry Chandler the last of the week.—Charles Morse is through work for George Morse and is working in West Danville.—Mr. and Mrs. Albert Badger and son, Ernest were recent visitors at W. I. Abbott's.—Mrs. Silas Houghton took an auto trip to Woodsville with Mr. and Mrs. V. D. Blake of West Danville.—Miss Marion Morse was in camp at Jones Pond the last of the week.—Asa Tyrell and Mrs. Willett of Barre are visiting at Mrs. George Drew's.—Earle Lane of East Hardwick is visiting Miss Hazel Abbott.—John Badger of Montpelier and Miss Louise Bancroft of Calais were at W. I. Abbott's the first of the week.—Mrs. George Drew, Mrs. Lester Tyrell, Mrs. Willett and Asa Tyrell took an auto trip to the mountains Sunday.

Misses Theresa Wallace and Kate Barry of Lebanon, N. H., visited at Mrs. J. O. Drouin's last Sunday, returning home Monday morning.